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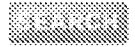
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1 First steps towards mutually-immersive mobile telepresence

◈ Norman P. Jouppi

November 2002   CSCW '02: Proceedings of the 2002 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available: 📄 Pdf (1.56 MB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 8,   Downloads (12 Months): 114,   Citation Count: 10

Mutually-Immersive Mobile Telepresence uses a teleoperated robotic surrogate to visit remote locations as a substitute for physical travel. Our goal is to recreate to the greatest extent possible, both for the user and the people at the remote location, ...

Keywords: audio conferencing, haptics, human visual perception, multi-channel audio, multi-user networked applications, multimedia, robotics, user interface hardware, video conferencing

2 LYPO: « vers une perception applicative du WEB »

◈ Denis Pavet

November 2002   IHM '02: Proceedings of the 14th French-speaking conference on Human-computer interaction (Conférence Francophone sur l'Interaction Homme-Machine)

Publisher: ACM

Full text available: 📄 Pdf (72.45 KB)   Additional Information: full citation, abstract, references, index terms

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This paper presents a new way of designing navigation on the WEB. It describes the LYPO principle which consists in associating to an Internet site an applicative environment presented to the user as a kind of "virtual office" similar to the familiar ...

Keywords: applicative WEB site, navigation, spatial hypermedia

3 Light field rendering

Marc Levoy, Pat Hanrahan

August 1996   SIGGRAPH '96: Proceedings of the 23rd annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available: Pdf (376.59 KB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 41,   Downloads (12 Months): 361,   Citation Count: 278

Keywords: epipolar analysis, holographic stereogram, image-based rendering, light field, vector quantization

4 Volume holographic data storage

Sergei S. Orlov

November 2000 Communications of the ACM , Volume 43 Issue 11

Publisher: ACM

Full text available: Html (36.13 KB), Pdf (1.90 MB)   Additional Information: full citation, references, index terms

Bibliometrics: Downloads (6 Weeks): 5,   Downloads (12 Months): 141,   Citation Count: 0

5 Emancipated pixels: real-world graphics in the luminous room

John Underkoffler, Brygg Ullmer, Hiroshi Ishii

July 1999   SIGGRAPH '99: Proceedings of the 26th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: Pdf (613.18 KB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 92,   Citation Count: 34

Keywords: CAD, architectural space, computer vision, luminous-tangible interfaces, projection, real-world graphics

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